

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 134.01900101 (P-10908.00)	Serial No.: 10/663,925
	Applicant(s): BENZ et al.	Confirmation No.: 2297
	Application Filing Date: Sept. 16, 2003	Group: 1712
	Information Disclosure Statement mailed: November 22, 2005	

U.S. PATENT DOCUMENTS

EXAMINER 	Date Considered <i>12/05/05</i>
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
✓	X	EP 0 821 973	04/02/98	Europe				
✓	X	EP 0 953 622	11/03/99	Europe				
	X	GB 2111067	06/29/83	Great Britain				
	X	WO 91/11468	08/08/91	PCT				
✓	X	WO 97/00293	01/03/97	PCT				
✓	X	WO 97/02305	01/23/97	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
✓	X	Bielawski et al., "Highly Efficient Syntheses of Acetoxy- and Hydroxy-Terminated Telechelic Poly(butadiene)s Using Ruthenium Catalysts Containing N-heterocyclic Ligands," <i>Polymer</i> , 2001;42:4939-4945.
	X	Blackwell et al., "New Approaches to Olefin Cross-Metathesis," <i>J. Am. Chem. Soc.</i> , 2000;122:58-71.
	X	Gibson et al., "Synthesis of End-Functionalized Polynorbornenes and Polynorbornanes via Metathesis: Novel Macromonomers for Polycondensation Reactions," <i>Macromolecules</i> , 2000;33:655-656.
	X	Hillmyer et al., "Preparation of Hydroxytelechelic Poly(butadiene) via Ring-Opening Metathesis Polymerization Employing a Well-Defined Metathesis Catalyst," <i>Macromolecules</i> , 1993;26:872-874.
✓	X	Hillmyer et al., "Utility of a Ruthenium Metathesis Catalyst for the Preparation of End-Functionalized Polybutadiene," <i>Macromolecules</i> , 1997;30:718.

EXAMINER <i>K. Benz</i>	Date Considered <i>12/05/05</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

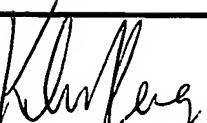
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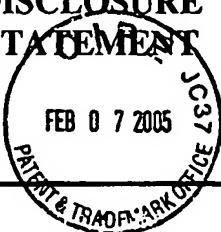
Examiner Initial	Copy Enclosed	Document Description
<i>Chp</i>	X	Ishigure et al., "Nuclear Magnetic Resonance Spectra of Isobutylene-Chlorotrifluoroethylene Copolymer. II. Interpretation of Fluorine Resonances in Terms of Tetrads and Their Temperature Dependence," <i>Polym. J.</i> , 1971;2(3):321-327.
	X	Kennedy et al., "Designed Polymers by Carbocationic Macromolecular Engineering: Theory and Practice," Hanser Publishers, 1992, pp. 191-193.
	X	Marmo et al., "Acyclic Diene Metathesis (ADMET) Depolymerization. Synthesis of Mass-Exact Telechelic Polybutadiene Oligomers," <i>Macromolecules</i> , 1993;26:2137-2138.
	X	Marmo et al., "ADMET Depolymerization. Synthesis of Perfectly Difunctional (f=2.0) Telechelic Polybutadiene Oligomers," <i>Macromolecules</i> , 1995;28:2602-2606.
	X	Maughon et al., "Synthesis of Cross-Linkable Telechelic Poly(butenylene)s Derived from Ring-Opening Metathesis Polymerization," <i>Macromolecules</i> , 2000;33:1929-1935.
	X	Odian, "Principles of Polymerization," McGraw-Hill Book Company, New York, NY, 1970, title page, copyright page, and table of contents only (14 pgs. total).
	X	Odian, "Principles of Polymerization," third ed.; John Wiley & Sons, Inc., New York, NY, title page and pages 701-705.
	X	Shaffer et al., "Metallocene-Catalyzed Copolymerization of Ethylene and Isobutylene to Substantially Alternating Copolymers," <i>Macromolecules</i> , 1998;31:5145-5147.
	X	Smith et al., "Precisely Controlled Methyl Branching in Polyethylene via Acyclic Diene Metathesis (ADMET) Polymerization," <i>Macromolecules</i> , 2000;33:3781-3794.
<i>✓</i>	X	Speckhard et al., "Ultimate Tensile Properties of Segmented Polyurethane Elastomers: Factors Leading to Reduced Properties for Polyurethanes Based on Nonpolar Soft Segments," <i>Rubber Chem. Technol.</i> , 1986;59:405-431.

EXAMINER <i>Karen P. Berg</i>	Date Considered <i>12/05/05</i>
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Examiner Initial	Copy Enclosed	Document Description
(Cp)	X	Speckhard et al., "Properties of Polyisobutylene Polyurethane Block Copolymers: 2. Macroglycols Produced by the 'inifer' Technique," <i>Polymer</i> , 1985;26:55-69.
	X	Speckhard et al., "Properties of Polyisobutylene Polyurethane Block Copolymers: 3. Hard Segments Based on 4,4'-Dicyclohexylmethane Diisocyanate (H ₁₂ MDI) and Butane Diol," <i>Polymer</i> , 1985;26:70-78.
✓	X	Wu et al., "Preparation of Alternating Copolymers from the Ring-Opening Metathesis Polymerization of 3-Methylcyclobutene and 3,3-Dimethylcyclobutene," <i>Macromolecules</i> , 1995;28:3502-3508.

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		Applicant(s): BENZ et al.	Confirmation No.: 2297
		Application Filing Date: Sept. 16, 2003	Group: 1711
		Information Disclosure Statement mailed: <i>February 4, 2005</i>	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>Ch</i>	X	WO 97/16467	05/09/97	PCT			✓	
<i>Ch</i>	X	WO 02/053612 A2	07/11/02	PCT			✓	

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description
<i>Ch</i>	X	Schwendeman et al., "Precisely Placed Gem-Dimethyl Branching in ADMET Polyethylene," Abstract from poster, Spring National American Chemical Society meeting, Orlando, FL, April 7-11, 2002, <i>Polymer Preprints</i> , 2002, 43(1):280.
<i>Ch</i>	X	Schwendeman et al., "Amorphous Telechelic Hydrocarbon Diols by ADMET," Abstract from poster, Spring National American Chemical Society meeting, Orlando, FL, April 7-11, 2002, <i>Polymer Preprints</i> , 2002, 43(1):282.

EXAMINER	<i>Wen Peng</i>	Date Considered	<i>12/05/05</i>
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	Applicant(s): Benz et al.	Confirmation No.: 2297
	Application Filing Date: Sept. 16, 2003	Group: 1711
	Information Disclosure Statement mailed: FEBRUARY 26, 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Cyp</i>		4,647,643	03/03/87	Zdrahalo et al.			
		6,252,101 B1	06/26/01	Herzig et al.			
<i>✓</i>		6,420,452 B1	07/16/02	Gunatillake et al.			

FOREIGN PATENT DOCUMENTS

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							Yes	No
<i>Cyp</i>	X	EP 0 661 332 A	07/05/95	Europe				
	X	EP 0 940 405 A	09/08/99	Europe (within patent family of U.S. 6,252,101)				X
<i>✓</i>	X	WO 00/64971 A	11/02/00	PCT				
<i>✓</i>	X	WO 01/07499 A	02/01/01	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description
<i>Cyp</i>	X	Schwendeman et al., "Gem-Dimethyl Branching in ADMET Polyethylene," Abstract from poster presented at the International Symposium for Olefin Metathesis (ISOM), Cambridge, MA (Aug. 5-7, 2001).

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12/05/05

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	Application Filing Date: Sept. 16, 2003	Group: 1711
	Information Disclosure Statement mailed: JANUARY 27, 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Ry</i>		5,561,210	10/01/96	Roy			
<i>Ry</i>		6,313,254 B1	11/06/01	Meijs et al.			

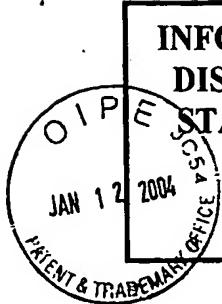
FOREIGN PATENT DOCUMENTS

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							Yes	No
<i>Ry</i>	X	JP 2002128856 A (Abstract only)	05/09/02	Japan (w/English language abstract)				X
	X	WO 98/50086 A	11/12/98	PCT				
<i>Ry</i>	X	WO 99/50327 A	10/07/99	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
	NONE

EXAMINER <i>Ry</i>	Date Considered <i>12/05/05</i>
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	Information Disclosure Statement mailed: JANUARY <u>8</u> , 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Gyp</i>		4,873,308	10/10/89	Coury et al.			
		4,883,854	11/28/89	Coury et al.			
		5,040,544	08/20/91	Lessar et al.			
		5,147,725	09/15/92	Pinchuk			
		5,238,006	08/24/93	Markowitz			
		5,375,609	12/27/94	Molacek et al.			
		5,480,421	01/02/96	Otten			
		5,663,245	09/02/97	Kennedy et al.			
		5,736,251	04/07/98	Pinchuk			
		5,986,034	11/16/99	DiDomenico et al.			
		6,111,052	08/29/00	DiDomenico et al.			
		6,149,678	11/21/00	DiDomenico et al.			
		2002/0028901 A1	03/07/02	Gunatillake et al.			
<i>V</i>		2003/0125499 A1	07/03/03	Benz et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>Gyp</i>	X	WO 98/05701 A1	02/12/98	PCT				
	X	WO 98/54242 A1	12/03/98	PCT				
<i>V</i>	X	WO 99/03863 A1	01/28/99	PCT				

EXAMINER

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2/05/05

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	Information Disclosure Statement mailed: JANUARY 8, 2004	

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
KW	X	Coury et al., "Biomedical Uses of Polyurethanes," in <i>Advances in Urethane Science and Technology</i> , 9:130-168, edited by Frisch et al., Technomic Publishing Co., Lancaster, PA (1984).
	X	Hoffman et al., "Safety and Intracardiac Function of a Silicone-Polyurethane Elastomer Designed for Vascular Use," <i>Clin. Mater.</i> , 1993;13(1-4):95-100.
	X	Pinchuk et al., "The Use of Silicone/Polyurethane Graft Polymers as a Means of Eliminating Surface Cracking of Polyurethane Prostheses," <i>J. Biomater. Appl.</i> , 1988 Oct.;3(2):260-296.
	X	Pinchuk et al., "Polyurethane/Silicone Composites as Materials for Long Term Implant in the Human Body," 22nd International SAMPE Technical Conference, Boston, MA, Nov. 6-8, 1990, vol. 22, pp. 133-144.
✓	X	Pinchuk et al., "Polyurethane/Silicone Composites for Long Term Implant in the Human Body," 49th Annual Technical Conference – Society of Plastic Engineers & Plastic Engineering, 1991, pp. 1802-1804.

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Serial No.: 10/663,925

Confirmation No.: 2297

Filed: September 16, 2003

For: POLYMERS WITH SOFT SEGMENTS CONTAINING SILANE-CONTAINING GROUPS, MEDICAL DEVICES, AND METHODS

List of Pending Non-Published U.S. Patent Applications

Applicant(s)	Application Number	Filing Date	Serial No. of Provisional Application to which listed Application claims priority
Benz et al.	10/663,926	09/16/03	60/411,725 and 60/490,780
Benz et al.	10/246,807	09/17/02	N/A

Copy

Kellogg

12/05/05

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 8 day of JANUARY, 2004.

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Respectfully submitted for

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